

TSVETKOV, Khr., inzh.

Cutting strength of rotor excavators. Gossishnik Min geol inst 8:  
109-122 '61-'62 [publ. '63]

IVANOV, Khr., dots. inzh.; KOZAROV, As., dots. inzh. [deceased]; SHEIRETOV,  
K., k.t.n. inzh.; TSVETKOV, Khr. inzh.; MATEEV, M., inzh.

Theory of the work of rotary boring machines. Godishnik Min geol  
inst 8:195-208 '61-'62 [publ.'63]

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CIA-RDP86-00513R001757220005-2

TSVETKOV, Kr.; EZEKIEV, E.

Rhythms and vibrations in nature. Tekh delo 498 3 9N '63.

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CIA-RDP86-00513R001757220005-2"

Tsvetkov, K.S.

137-58-5-8742

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 3 (USSR)

AUTHOR: Tsvetkov, K.S.

TITLE: Toward Extensive Adaptation of a Method of Ore Concentration  
in Heavy Suspensions (Za shirokoye vnedreniye skhemy obogash-  
cheniya v tyazhelykh suspenziyakh)

PERIODICAL: Byul. tsvetn. metallurgii, 1957, Nr 19-20, pp 31-33

ABSTRACT: Production-flow and operational data of a plant engaged in the  
processing of ores from the Altyn-Topkanskoye deposits are given, to-  
gether with an enumeration of economic advantages offered by  
the method of concentration of ores in heavy suspensions.

A. Sh.

1. Ores--Processing

Card 1/1

137-58-6-11340

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 12 (USSR)

AUTHOR: Tsvetkov, K.S.

TITLE: Some Practical Data from Experiences in the Development of Combined Concentration of Oxidized Copper Ores (Nekotoryye prakticheskiye dannyye iz opya osvoyeniya kombinirovannogo obogashcheniya okislennykh mednykh rud)

PERIODICAL: Byul. tsvetn. metallurgii, 1957, Nr 16, pp 10-12

ABSTRACT: Shop tests were run in 1956-1957 at the Altyn-Topkan Concentration Mill on the separability of the oxidized Cu ores of Almalyk by the combined hydrometallurgical-flotation process of Prof. Mostovich. The ore contains oxidized Cu minerals, both refractory (yielding poorly to flotation and not recoverable from cyanide extract) and non-refractory. The best results are obtained with a procedure employing preliminary flotation of the minerals readily subject to flotation (heads) with subsequent leaching of the Cu from the tailings by sulfuric acid, of which 40-45 kg/t is needed, at an operating temperature of 60°C, which is maintained by live steam. The Cu is precipitated from the solution over ground iron filings in cementing tanks and is

Card 1/2

137-58-6-11340

Some Practical Data from (cont.)

then recovered by flotation with the aid of frother and xanthate. Automatic control of the residual acidity of the pulp in the leaching cycle and automatic H<sub>2</sub>SO<sub>4</sub> metering make it possible to reduce the practical consumption of acid by 20-25%. Recommendations are made on grinding, acid-resistant lining of the equipment, and erection of metal fabrications in the shop, and also on automatic regulation of the process.

L. B.

1. Copper ores--Processing    2. Copper ores--Analysis    3. Industrial plants  
---Test results

Card 2/2

TSVETKOV, K.S.

Prospects for the use of ore dressing in heavy suspensions in  
mining enterprises of the Central Asiatic Economic Region.  
Tsvet. met. 36 no.10:6-8 0 '63. (MIRA 16:12)

~~TSVETKOV, K.S.~~

For widespread use of heavy suspension ore dressing flow sheets.  
Biul. TSIIN tsvet. met. no.19/20:31-33 '57. (MIRA 11:5)  
(Ore dressing)

TSVETKOV, K.S.

Purification of waste waters at the altyn-Topkan ore-dressing plant.  
TSvet.met. 31 no.1:11-16 Ja '58. (MIRA 11:2)

1. Altyn-Topkanskiy svintsovo-tsinkovyy kombinat.  
(Altyn-Topkan--Ore dressing)  
(Water--Pollution)

Tsvetkov, K.S.

136-1-3/20

AUTHOR: Tsvetkov, K.S.

TITLE: Experience in the Purification of Waste Water at the Altyn-Topkan Beneficiation Works (Opyt ochistki stochnykh vod na Altyn-Topkanskoy obogatitel'noy fabrike)

PERIODICAL: Tsvetnye Metally, 1958, No.1, pp. 11 - 16 (USSR).

ABSTRACT: At the Altyn-Topkan Beneficiation Works, oxidised copper, Kurgashinkansk oxidised lead ores and Altyn-Topkan lead-zinc are treated in different sections. Local water resources are limited and supply domestic and irrigation needs and, for this reason, the works waste-water, by order of the Gossaninspektiya (National Public Health Inspectorate) has to be purified before final discharge. The author gives data on the composition of the crude waste water obtained at different times: these show the variability of the composition and he also states that the soluble salts represent up to 8-, 20 000- and 120-fold excesses above permitted limits of cyanides, phenols and copper, respectively. Describing the chemical purification of the water, the author outlines the chlorination method developed by the Mekhanobr Institute and further chemical investigations which showed the recommended consumption of hypochlorite (300 mg/litre) to be insufficient (Table 2), a consumption of even 1 000 mg/litre Card1/2 being sometimes insufficient. Cost considerations led to the

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Experience in the Purification of Waste Water at the Altyn-Topkan  
Beneficiation Works

search for an alternative to the hypochlorite method in which S.M. Raykhman participated and the author's proposals for the self-purification of waste water. Samples of the water were exposed to the air in 1 500 x 1 000 x 400 mm tanks and it was found that cyanides and copper were reduced to permitted limits in 5-7 days in the summer, with the possibility of a longer time and hypochlorite utilisation in winter. The author outlines the arrangement adopted at the Works, in which two earth-dam reservoirs 50 and 150 thousand m<sup>3</sup> in capacity are provided to give a residence time for the water of at least 10 days. The author estimates that 30 years will expire before the reservoirs become silted up. He mentions that observations on operation in the winter months are planned, a hypochlorite consumption of under 300 mg/litre being envisaged. The arrangement is recommended for consideration at other works. There are 1 figure, 4 tables and 2 Russian references.

ASSOCIATION: Altyn-Topkan Lead-zinc Combine (Altyn-Topkanskiy svintsovo-tsinkovyy kombinat)

AVAILABLE: Library of Congress  
Card 2/2

TSVETKOV, L.

Finding of Ingolfiella petkovskii Karam. (Crustacea - Isopoda)  
in Bulgaria. Izv Zool inst BAN 15:185-190 '64.

TSVETKOV, L.

Investigation of the microbenthos of the Bulgarian Black Sea Lakes. p. 219.

IZVESTIYA. Sofiia, Bulgaria, Vol. 7, 1958

Monthly List of East Accessions (EEAI) LC, Vol. 9, No. 1 January 1960

Uncl.

TSVETKOV, L.

Prevention of silicosis. Suvr. med. 16 no. 6:327-337 ' 65.

TSVETKOV, L.; KOCHANKOVA, D.; TSVETKOV, D.; DALAKMANSKI, IU.

Cholesterol and calcium levels in human and animal vessels  
in different age groups and an attempt to decrease their  
content. Suvr. med. 16 no.12:727-736 '65.

1. Katedra po khigiena i profesionalni bolesti, Vissz  
meditsinski institut, Sofia (rukoviditel: prof. L. TSvetkov).

TSVETKOV, L. V.; MINORINA, N. M., Adelka

*Parabathyphella habrina* n.sp., a new representative of  
Syncarida. Izv. Zool. inst. BAN 191-200 36 Je'64

TSVETKOV, Liubomir

Notes on Microcharon apolloniacus n. sp. and Microcharon thraciensis  
n. sp., underground isopods of Bulgaria. Jzv Zool inst BAN:201-213  
16 Je'64

TSVETKOV, L.

"Dry electric transformer 0.5/3 with magnetic shunt."

p. 22 (Ratsionalizatsila) Vol. 7, no. 5, May 1957  
Sofiia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

TSVETKOV, L.

"Zoobenthos of Beloslav Lake."

p.381 (Izvestia) Vol. 7, no. 7, 1956. Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 5, May 1958

TSVETKOV, L., Prof.

Investigations on endemic goiter in Bulgaria; endemic goiter in Bistrica, Sofia region. Nauch. tr. Viash. med. inst. Chervenkov, Sofia 2 no.4:71-107 1956.

1. Predstavena ot prof. L. Tsvetkov, zavezhdashch Katedrata po khigiena s trudova khigiena s klinika po profesionalni bolesti i otraviania.

(GOITER, epidemiology,  
endemicity in Bulgaria (Bul))

TSVETKOV, L.; PETROVA, A.; DALAKMANSKI, IU.; KOCHANKOVA, B.; DOCHOVSKI, D.;  
GERASIMOV, P.

Sanitary problems related to the construction of the Stalin  
Hydroelectric Station; sanitary problems in construction of  
socialism in Bulgaria. Suvrem. med., Sofia 7 no.4:3-17 1956.

1. Iz Katedrata po khigiena s trudova khigiena i klinika po  
profesionalni zaboliavaniia i otravianiia pri Med. fakultet na  
VMI-Soflia. (Zav. katedrata: prof. L. Tsvetkov) i Onkologichniia  
institut pri ISUL (Zav.:prof. G. Tenchov).

(INDUSTRIAL HYGIENE,  
in construction of hydroelectric stations in Bulgaria (Bul))

TSVETKOV, L.

TSVETKOV, L. The chironomid fauna of the Bulgarian lakes near the Black Sea. p. 215 Vol. 4/5, 1955 INVESTILA., Sofiia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

TSVETKOV, L.

TSVETKOV, L. Research on fish food in the Beloslav Lake. p 329  
Vol 4/5, 1955 Izvestila, Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

TSVETKOV, L.

"New Inhabitants in the Black Sea Basin." p.66 (PRIRODA, Vol. 2, No. 4, July/Aug., 1953, Sofiya.)

SO: Monthly List of Russian Accessions, Library of Congress, Vol. 3, No. 3, March 1954, 1953, Uncl.

TSVETKOV, L.

Branchiopoda, Branchinella spinosa (M.Edw.) in Bulgaria. Izv Zool  
inst BAN 9: 397-398 '60. (EEAI 10:9)

(Branchiopoda) (Bulgaria--Branchinella)

*2*

TSVETKOV, L.

CZECHOSLOVAKIA

CVETKOV, L., Prof; SLAVKOV, B., Prof; DALAKIANSKI, J., Dr.

Sofia (for all)

Prague, Ceskoslovenska hygiena, No 9, 1963, pp 571-572

"Influence of Small Doses of X-Ray and Gamma-Rays on Basic Food Constituents (Protein and Fat) and Some Conditionally Pathogenic Microorganisms."

TSVETKOV, L.

Quantitative proliferation of Chironomidae, and productivity  
of piscicultural basins. Izv Zool inst BAN no.12:173-196 '62.

TSVETKOV, L.A.

Paraffin accumulation in oil-field gathering lines and measures  
for controlling it. Trudy Giprovostoknefti no.4;3-17 '61.  
(MIRA 16:8)  
(Paraffins)

TSVETKOV, L.A.

Role of L.M.Smorgonskii in the development of the Soviet methods  
of teaching chemistry. Khim. v shkole 17 no.5:44-52 S-0  
'62. (MIRA 15:9)

(Smorgonskii, Leonid Mikhailovich, 1901-1952)  
(Chemistry--Study and teaching)

TSVETKOV, L.A., zasluzhenny uchitel' shkoly RSFSR.

Chemistry in the schools of the German Democratic Republic.  
Khim. v shkole 16 no.6:45-53 N-D '61. (MIRA 14:11)  
(Germany, East--Chemistry--Study and teaching)

TSVETKOV, L.A.

"Aleksandr Mikhailovich Butlerov" by G.V. Bykov. Reviewed by  
L.A. Tsvetko. Khim. v shkole 16 no.6:87-89 N-D '61. (MIRA 14:11)  
(Butlerov, Aleksandr Mikhailovich, 1828-1886)  
(Bykov, G.V.)

TSVETKOV, L.A.

Elucidating the development of communism in the organic chemistry course. Khim. v shkole 17 no.1:27-39 Ja-F '62. (MIRA 15:1)  
(Chemistry, Organic--Study and teaching)

TSVETKOV, I.A., redaktor; DMITRIYENKO, G.V., redaktor; VEDENEYEV, Ye.A.,  
tekhnicheskiy redaktor

[Field trips by school chemistry classes to industrial establishments;  
collection of articles based on teaching experiences] Proizvodstvennye  
ekskursii po khimii v shkole; sbornik statei. Moskva, Gos. uchebno-  
pedagog. izd-vo Ministerstva prosveshcheniya RSFSR, 1953. 132 p.  
(Chemistry--Study and teaching) (MLRA 8:3)

TSVETKOV, L.A., red.; PROFKRANSOVA, N.V., red.; TARASOVA, V.V., tekhn.red.

[Teaching chemistry in schools] Prepodavanie khimii v shkole.  
Pod red. L.A.Tsvetkova. Moskva, 1959. 190 p. (MIRA 12:10)

1. Akademiya pedagogicheskikh nauk RSFSR, Moscow. Institut  
metodov obucheniya.  
(Chemistry--Study and teaching)

TSVETKOV, L.A.

Method for studying the topic "Synthetic macromolecular substances." Khim. v shkole 14 no.2:23-41 Mr-Ap '59.  
(MIRA 12:4)  
(Macromolecular compounds)

TSVETKOV, Leonid Aleksandrovich; PROFERANSOVA, N.V., red.; NOVOSELOVA,  
V.V., tekhn.red.

[Study of polymers in the secondary schools; manual for  
chemistry teachers] Izuchenie polimerov v srednei shkole;  
posobie dlja uchitelei khimii. Moskva, Izd-vo Akad.pedagog.  
nauk RSFSR, 1960. 142 p. (MIRA 13:5)  
(Polymers--Study and teaching)

TSVETKOV, Leonid Aleksandrovich; GEMBOREK, G.L., red.; KOZLOVSKAYA, M.D., tekhn.red.

[Organic chemistry experiments in the secondary school (methods and techniques); teacher's manual] Eksperiment po organicheskoi khimii v srednei shkole; metodika i tekhnika. Posobie dlia uchitelei. Izd.3., ispr. i dop. Moskva, Gos.uchebno-pedagog. izd-vo M-va prosv.RSFSR, 1959. 277 p. (MIRA 13:11) (Chemistry, Organic--Experiments)

ARAKELOV, A.N.; TSVETKOV, L.A.

Comparative analysis of various diagrams for oil and gas collection  
in the field and the control of gas and light fraction losses.  
Trudy Giprovostoknefti no.1:389-403 '58. (MIRA 13:9)  
(Oil fields--Production methods)

KHODAKOV, Yury Vladimirovich; TSVETKOV, Leonid Aleksandrovich; SHAPOVALENKO,  
Sergey Grigor'yevich; EPSHTEYN, David Arkad'yevich; SAVEL'YEVA, R.N.,  
red.; MAKHOVA, N.N., tekhn. red.

[Chemistry; a textbook for grades 8 - 10 of secondary schools] Khimiia;  
uchebnik dlja VIII-X klassov srednei shkoly. Pod red. S.G.Shapovalenko.  
Izd.4. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1958.  
421 p. (MIRA 14:7)

1. Chlen-korrespondent Akademii pedagogicheskikh nauk RSFSR (for  
Shapovalenko)

(Chemistry)

TSVETKOV, L.A.

Spatial and electronic representations in the study of organic  
chemistry in schools. Khim. v shkole 15 no.6:19-30 M-D '60.

(Chemical models) (Chemistry, Organic--Study and teaching) (MIRA 13:11)

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TSVETKOV, L.A., inzh.

Remote control of electric motors with individual zero protection. Mekh.i avtom.priliv. 16 no.2:7-8 F '62.

(MIRA 17:3)

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757220005-2"

TSVETKOV, L.A.

Some reasons in favor of using a photographic scale of 1 : 2500  
instead of 1 : 2000. Geod.i kart. no.3:46-48 Mr '62.

(Aerial photogrammetry)

(MIRA 15:12)

*Химия. Учебник для 8-10 классов*  
KHODAKOV, Yury Vladimirovich; TSVETKOV, Leonid Aleksandrovich; SHAPOVALENKO, Sergey Grigor'yevich; EPSHTEYN, David Arkad'yevich; SAVELYEV, P.N., redaktor; MAKHOVA, N.N., tekhnicheskiy redaktor.

[Chemistry; a textbook for grades 8-10 in the secondary school]  
Khimia; uchebnik dlia VIII-X klassov srednei shkoly. Pod red.  
S.G.Shapovalenko. Izd.3-e. Moskva, Gos.uchebno-pedagog.izd-vo  
M-va prosv.RSFSR. 1957. 423 p. (MLRA 10:6)

1. Chlen-korrespondent Akademii pedagogicheskikh nauk RSFSR (for Shapovalenko).

(Chemistry)

TSVETKOV, L.A.

Experience in carrying out excursions in the field of chemistry.  
Khim. v shkole 12 no.3:14-21 My-Je '57. (MLRA 10:6)  
(Chemistry--Study and teaching) (School excursions)

TSVETKOV, L.A.; KHODAKOV, Yu.V.

Definition of the basic principles in the school chemistry course.  
Khim. v shkole 13 no.3:13-25 My-Je '58. (MIRA 11:5)  
(Study and teaching)

TSVETKOV, L.A.

Synthetic macromolecular compounds in a school chemistry course.  
Khim. v shkole 13 no.6:22-39 N-D '58. (MIRA 11:12)  
(Macromolecular compounds)

TSVETKOV, L. A.

"The Transmission of Paraffin-Base and Emulsified Petroleum Through  
Industrial Oil Lines." Cand Tech Sci, Azerbaijan Industrial Inst imeni  
M. Azizbekov, 20 Dec 54. (BR, 11 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR  
Higher Educational Institutions (12)  
SO: Sum. No. 556, 24 Jun 55

TSVETKOV, L. A.

Experiments in organic chemistry for secondary schools; methods and equipment. Teacher's  
manual

QD201.T78 1974

1. Chemistry, Organic--Experiments.

KHODAKOV, Yury Vladimirovich; TSVETKOV, Leonid Aleksandrovich; SHAPOVALENKO,  
Sergey Grigor'yevich; EPSTEYN, David Arkad'yevich; GRABETSKIY, A.A.,  
redaktor; KOZLOVSKAYA, M.D., tekhnicheskij redaktor.

[Chemistry; textbook for the class 10 of the secondary school]  
Khimiia; uchebnik dlja 10 klassa srednei shkoly. Pod red. S.G.Shapovalenko.  
Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenija RSFSR, 1956. 167 p.  
(Chemistry) (MIRA 9:6)

TSVETKOV, L.A.; DMITRIYENKO, G.V., redaktor; RYBIN, I.V., tekhnicheskiy  
redaktor.

[Experiments in organic chemistry for secondary schools; methods  
and equipment. Teachers' manual] Eksperiment po organicheskoi  
khimii v srednei shkole; metodika i tekhnika. Posobie dlja  
uchitelei. Izd.2-e. Moskva, Gos. ucheb.-pedagog. izd-vo Ministerstva  
prosvetshchenija RSFSR, 1954. 266 p. (MLRA 7:12)  
(Chemistry, Organic--Experiments)

TSVETKOV, Leonid Aleksandrovich; DMITRIYENKO, G.V., redaktor; SHIKIN,  
S.T., tekhnicheskiy redaktor

[Organic chemistry: textbook for secondary schools] Organicheskaya  
khimiia; posobie dlia uchashchikhsia srednei shkoly. Izd. 3-e.  
Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniya  
RSFSR, 1954. 138 p. (MIRA 8:7)  
(Chemistry, Organic)

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TSVETKOV, L.A.

TSVETKOV, L.A. "Ekspерименты по органической химии  
и органической химии в химии элементов и  
изучение структуры и свойств органических соединений"  
и т.д.

law  
of

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CIA-RDP86-00513R001757220005-2"

"TSVETKOV, L.A.

Valuable film for schools ("Coking industry"; sound film. Reviewed by  
L.A. Tsvetkov). Khim.v shkole 10 no.3:71-73 My-Je '55. (MLRA 8:8)  
(Coke) (Chemistry--Audio-visual aids)

TSVETKOV, L.A.

Study of carbohydrates in chemistry courses. Khim. v shkole 10 no.4:  
19-35 Jl-Ag '55.  
(Carbohydrates) (MLRA 8:9)

TSVETKOV, L.A.; PETROVA, M.D., tekhnicheskiy redaktor.

[Organic chemistry;textbook for high schools] Organicheskaya  
khimiia; uchebnoe delo srednei shkoly. Moskva, Gos. uchebno-  
pedagog. izd-vo Ministerstva prosveshcheniya RSFSR, 1952.  
134 p. [Microfilm]  
(Chemistry,Organic)

TSVETKOV, L. A.

GRABETSKIY, A.A.; TSVETKOV, L.A.

School experiments in chemical processing of fats and carbohydrates.

Khim. v shkole 9 no.4:47-55 Jl-Ag '54.

(MLRA 7:8)

(Chemistry--Experiments) (Oils and fats) (Carbohydrates)

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PARMENOV, K.Ya.; SMORGONSKIY, L.M., professor [deceased]; TSVETKOV, L.A.;  
SAVEL'YEVA, R.N., redaktor; KOZLOVSKAYA, M.D., tekhnicheskly  
redaktor

[Chemistry reader] Kniga dlia chteniia po khimii. Izd. 2-oe, perer.  
Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniya RSFSR.  
Pt.2. 1956. 527 p.  
(Chemistry)

TSVETKOV, L. A.

SHAPOVALENKO, S.G.; EPSHTEYN, D.S.; TSVETKOV, L.A.; GLORIOZOV, P.A.;  
KLESHCHEVA, E.P., redaktor; MAKHOVA, N.N., tekhnicheskiy redaktor.

[Problems of training in practical applications in the teaching  
of chemistry] Voprosy politekhnicheskogo obucheniia v prepodavanii  
khimii. Moskva, Gos. uchebno-pedagog. izd-vo, 1954. 157 p. (MLRA 7:8)  
(Chemistry--Study and teaching)

TSVETKOV, L.A.

Chemical experiments in the study of rubber and petroleum. Khim.v  
shkole no.6:47-53 N-D '53. (MLRA 6:11)  
(Chemistry--Experiments)

SMORGONSKIY, L. M.; TSVETKOV, L. A.

Chemistry - Study and Teaching

Ways of raising the ideological level in chemistry teaching ("Problems of teaching chemistry in school." L. M. Smorgonskiy and L. A. Tsvetkov, eds. Reviewed by S. A. Balezin). Khim v shkole, No. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952. UNCLASSIFIED.

— SMORGONSKIY, L. M.; TSVETKOV, L. A.

TSvetkov, L. A.

Ways of raising the ideological level in chemistry teaching ("Problems of teaching chemistry in school." L. M. Smorgonskiy and L. A. TSvetkov, eds. Reviewed by S. A. Balezin). Khim. v. shkole No. 1 1952

Monthly List of Russian Accessions, Library of Congress, October 1962. UNCLASSIFIED.

SMORGONSKIY, L. M. and TSVETKOV, L. A., eds.

Smorgonskiy, L. M.

Ways of raising the ideological level in chemistry teaching ("Problems of teaching chemistry in school." L. M. Smorgonskiy and L. A. Tsvetkov, eds. Reviewed by S. A. Balezin), Khim. v shkole, No. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952. UNCLASSIFIED.

GIORIOZOV, Pavel Aleksandrovich; DRIZOVSKAYA, Tamara Mikhaylovna; TSIVETKOV,  
Leonid Aleksandrovich; SHAPOVALENKO, Sergey Grigor'yevich; EPSHTEYN,  
David Arkad'yevich; PROFERANSOVA, N.V., red.; LAUT, V.G., telchn.  
red.

[Problems of technical education in the teaching of chemistry]  
Voprosy politekhnicheskogo obuchenia v prepodavani i khimii. Pod.  
red. S.G.Shapovalenko. Moskva, Izd-vo Akad. pedagog. nauk RSFSR,  
1957. 425 p.  
(MIRA 11:5)

1. Chlen-korrespondent APN RSFSR (for Shapovalenko)  
(Chemistry—Study and teaching)

TSVETKOV, L.A., red.

[Practices of teachers of chemistry] Opyt raboty uchitelei khimii.  
Moskva, Izd-vo Akademii pedagogicheskikh nauk RSFSR, 1958.  
(MIRA 11:11)

1. Akademiya pedagogicheskikh nauk RSFSR, Moscow. Institut metodov  
obucheniya.

(Chemistry--Study and teaching)

ARAKELOV, A.N.; TSVETKOV, L.A.

Efficient means for recovering and transporting oil and gas  
in the eastern oil fields of the U.S.S.R. Neft. khoz. 40  
no.4:44-48 Ap '62. (MIRA 15:5)  
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ABSTRACT: This is a resume of a lecture given on Feb 4, 1958. Since there is no data on afforestation prior to the 19th and 20th centuries, the author arrived at approximate figures by assuming that the cultivated area increased at the same rate as the farming population. A comparison of the figures obtained from available sources of literature permitted the conclusion that the data obtained is fairly reliable. The main deductions of the study are: 1) in 1698 there were 213 million hectares of forest in the European part of Russia;

Card 1/2

Changes in Afforestation of European Russia from the End of the 17th  
Century up to the Year 1914

SOV-5-58-3-33/39

from 1700 to 1812, 26 million hectares of forest were added  
by newly acquired territories; 3) Of 239 million hectares  
67 million were destroyed, by the end of 1914, and by January  
1915 172 million hectares remained.

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SUBJECT : Cultivated Plants, Feeder Grasses and Roots.  
JRS. JOUR. : RZhKh, No. 1, 1952, No. 3694  
AUTHOR : Tsvetkov, M.I.  
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